

1. - 24. (Cancelled)

25. (Currently Amended) A system ~~System~~ for individual learning, said system (1) comprising:

- an apparatus (2) for controlling the learning system (1),
- at least one communication network (3),
- at least one user terminal (4),
- at least one content data base (5) provided with information units, comprising preferably questions and answers (Q/A),

said content data base (5) being connectable to said apparatus (2), wherein said apparatus (2) further comprises at least one system data base (10) for storing user specific data, means for identification and/or verification of a user, administration means providing said user to control the system (1), and means (8) for registration of transactions a user performs, wherein said apparatus (2) is connectable to a learning tool (11) comprising an interface (12) for presenting data to the user, wherein the learning tool (11) is arranged to provide selective training according to the user's knowledge and to present a dynamic image of the knowledge status for the user in each point in time.

26. (Currently Amended) A system ~~System~~ according to claim 1, wherein said system data base (10) is adapted to store information about user profiles, ~~i.e.~~ comprising individual information ~~such as statistical information~~, one such information being current type of learning state, or knowledge status, for each Q/A in relation to respective user, said learning states comprising the types: "not learned", "test required", "repetition required", "estimated as knowledge", "knowledge", and "knowledge not further checked", that said learning tool 11 is connectable to, or comprises, a test and repetition tool (19) for ~~optimised~~ optimized long term repetition, that said test and repetition tool 19 is adapted to store a point of time when a Q/A is marked as "knowledge" for a particular user, that said test and repetition tool (19) is adapted to control the time $T_{\text{next test}}$ to which the user has to answer this question again, that if no repetition or test is made to prolong the time $T_{\text{next test}}$, then said test and repetition tool (19) is adapted to expire the point in time $T_{\text{next test}}$ and change

the state of the Q/A from “knowledge” to “test required”, that if no test is done by the user then said test and repetition tool (19) is adapted to deteriorate the virtual dynamic image of said user's acquired knowledge in the system over time until all Q/A marked as “knowledge” changes state to “test required”, that said test and repetition tool (19) is adapted to pose the Q/A question to the user at a point in time when test of a Q/A is performed by the user through the test and repetition tool (19), that if the answer to a question is wrong, then said test and repetition tool (19) is adapted to change the status of this Q/A to “repetition required”, that if the Q/A is correctly answered, then the test and repetition tool (19) is adapted to change the status of the Q/A to “knowledge” and extend the time period $T_{\text{next test}}$ by a factor higher than one, ~~say a factor two (2)~~, that if time has passed between the $T_{\text{next test}}$ expired and the user started the test for the Q/A, then said test and repetition tool (19) is adapted to add this time to the $T_{\text{next test}}$ before the extension factor is applied, and that when the time period $T_{\text{next test}}$ is longer than a predetermined time period, then said test and repetition tool (19) is adapted to mark this Q/A as “knowledge not further checked”.

27. (Currently Amended) ~~The system~~ System according to claim 2 26, wherein said test and repetition tool (19) comprises a sorting tool (17), that said sorting tool (17) is adapted to perform repetition using a short term learning cycle when a Q/A has the state “repetition required”, and that when repetition has been duly performed using said short term learning cycle, then said test and repetition tool (19) is adapted to extend the time period $T_{\text{next test}}$ by a factor lower than one, say a factor zero point eight (0.8).

28. (Currently Amended) ~~The system~~ System according to claim 4 25, wherein filter means (18) are provided, ~~preferably in the learning tool (11)~~, for presenting information units, ~~such as Q/A's in a particular order to the user~~.

29. (Currently Amended) ~~The system~~ System according to claim 4 25, wherein diagnosis means (20) is provided to estimate the knowledge of the user within a subject.

30. (Currently Amended) ~~The system~~ System according to claim 4 25, wherein tool

(21) for extracting information units from non-preprepared information, preferably to create Q/A's from a non-preprepared digital text is provided in the apparatus (2).

31. (Currently Amended) The system ~~System~~ according to claim 4 25, wherein at least one proactive dictionary (22) is connectable to the system (1) or provided in the apparatus (2), said dictionary (22) being adapted to present words considered by the system (1) to be unknown for the user.

32. (Currently Amended) The system ~~System~~ according to claim 7 31, wherein said dictionary (22) is arranged to check a text, either stored in the system or introduced to the system from an external source (~~e.g. Internet~~), to a user's profile, to look up data not known by the user, and presenting translations or other types of Q/A's simultaneously.

33. (Currently Amended) The system ~~System~~ according to claim 8 32, wherein said dictionary (22) is connectable to a tool for extraction of teaching or learning material from texts and preferably checked to a user's profile for acceptable texts or fragments of texts, based on stated interest and level of knowledge.

34. (Currently Amended) The system ~~System~~ according to claim 8 32, wherein at least one external dictionary (24) is connectable to the system (1), said at least one external dictionary being adapted to cooperate with the system.

35. (Currently Amended) The system ~~System~~ according to claim 4 25, wherein the administration means (7) is arranged to provide a user to control the system (1).

36. (Currently Amended) The system ~~System~~ according to claim 4 25, wherein the means (8) for registration is arranged to register transactions a user performs, and to store data in the system data base (10) comprising user specific data.

37. (Currently Amended) The system ~~System~~ according to claim 4 25, wherein the user terminal (4) is a mobile phone, a PDA, a laptop or a PC.

38. (Currently Amended) A system ~~System~~ for individual learning, said system (1) comprising:

- an apparatus (2) for controlling the learning system (1),
- at least one communication network (3),
- at least one user terminal (4),
- at least one content data base (5) provided with information units, preferably comprising questions and answers (Q/A),

said content data base (5) being connectable to said apparatus (2), wherein said apparatus (2) further comprises at least one system data base (10) for storing user specific data, means for identification and/or verification of a user, administration means providing said user to control the system (1), and means (8) for registration of transactions a user performs, wherein at least one proactive dictionary (22) is connectable to the system (1) or provided in the apparatus (2), said dictionary (22) being adapted to present words considered by the system (1) to be unknown for the user.

39. (Currently Amended) The system ~~System~~ according to claim 44 38, wherein said dictionary (22) is arranged to check a text, either stored in the system or introduced to the system from an external source (e.g. Internet), to a user's profile, to look up data not known by the user, and presenting translations or other types of Q/A's simultaneously.

40. (Currently Amended) The system ~~System~~ according to claim 45 39, wherein said dictionary (22) is connectable to a tool for extraction of teaching or learning material from texts and preferably checked to a user's profile for acceptable texts or fragments of texts, based on stated interest and level of knowledge.

41. (Currently Amended) The system ~~System~~ according to claim 45 39, wherein at least one external dictionary (24) is connectable to the system (1), said at least one external dictionary being adapted to cooperate with the system.

42. (Currently Amended) The system ~~System~~ according to claim 44 38, wherein tool

(21) for extracting information units from non-preprepared information, preferably to create Q/A's from a non-preprepared digital text is provided in the apparatus (2).

43. (Currently Amended) ~~The system~~ System according to claim 44 ~~38~~, wherein said apparatus (2) is connectable to a learning tool (11) comprising an interface (12) for presenting data to the user, said the learning tool (11) being arranged to provide selective training according to the user's knowledge and to present a dynamic image of the knowledge status for the user in each point in time.

44. (Currently Amended) ~~The system~~ System according to claim 49 ~~43~~, wherein said system data base (10) is adapted to store information about user profiles, i. e. individual information ~~such as statistical information~~, one such information being current type of learning state, or knowledge status, for each Q/A in relation to respective user, said learning states comprising the types: "not learned", "test required", "repetition required", "estimated as knowledge", "knowledge", and "knowledge not further checked", that said learning tool 11 is connectable to, or comprises, a test and repetition tool (19) for ~~optimised~~ optimized long term repetition, that said test and repetition tool 19 is adapted to store a point of time when a Q/A is marked as "knowledge" for a particular user, that said test and repetition tool (19) is adapted to control the time $T_{\text{next test}}$ to which the user has to answer this question again, that if no repetition or test is made to prolong the time $T_{\text{next test}}$, then said test and repetition tool (19) is adapted to expire the point in time $T_{\text{next test}}$ and change the state of the Q/A from "knowledge" to "test required", that if no test is done by the user then said test and repetition tool (19) is adapted to deteriorate the virtual dynamic image of said user's acquired knowledge in the system over time until all Q/A marked as "knowledge" changes state to "test required", that said test and repetition tool (19) is adapted to pose the Q/A question to the user at a point in time when test of a Q/A is performed by the user through the test and repetition tool (19), that if the answer to a question is wrong, then said test and repetition tool (19) is adapted to change the status of this Q/A to "repetition required", that if the Q/A is correctly answered, then the test and repetition tool (19) is adapted to change the status of the Q/A to "knowledge" and extend the time period $T_{\text{next test}}$ by a factor higher than one, ~~say a factor two (2)~~, that if time has

passed between the $T_{\text{next test}}$ expired and the user started the test for the Q/A, then said test and repetition tool (19) is adapted to add this time to the $T_{\text{next test}}$ before the extension factor is applied, and that when the time period $T_{\text{next test}}$ is longer than a predetermined time period, then said test and repetition tool (19) is adapted to mark this Q/A as “knowledge not further checked”.

45. (Currently Amended) The system ~~System~~ according to claim 20 44, wherein said test and repetition tool (19) comprises a sorting tool (17), that said sorting tool (17) is adapted to perform repetition using a short term learning cycle when a Q/A has the state “repetition required”, and that when repetition has been duly performed using said short term learning cycle, then said test and repetition tool (19) is adapted to extend the time period $T_{\text{next test}}$ by a factor lower than one, say a factor zero point eight (0.8).

46. (Currently Amended) The system ~~System~~ according to claim 19 43, wherein filter means (18) are provided, preferably in the learning tool (11), for presenting information units, such as Q/A's in a particular order to the user.

47. (Currently Amended) The system ~~System~~ according to claim 14, 38, wherein diagnosis means (20) is provided to estimate the knowledge of the user within a subject.

48. (Currently Amended) The system ~~System~~ according to claim 14 38, wherein the administration means (7) is arranged to provide a user to control the system (1).

49. (Currently Amended) The system ~~System~~ according to claim 14 38, wherein the means (8) for registration is arranged to register transactions a user performs, and to store data in the system data base (10) comprising user specific data.

50. (Currently Amended) ~~—~~ The system ~~System~~ according to claim 14 38, wherein the user terminal (4) is a mobile phone, a PDA, a laptop or a PC.

51. (Currently Amended) A method for individual learning in a learning system (1),

wherein said learning system method (1) comprises:

- providing an apparatus (2) for controlling the learning system (1), comprising
- at least one communication network (3),
- at least one user terminal (4), and
- at least one content data base (5) providing provided with information units to the data base (5), said information units comprise preferably comprising questions and answers (Q/A), and

said content data base (5) being connected to said apparatus (2), wherein said apparatus (2) further comprises at least one system data base (10) ~~for~~ and storing user specific data, at least one of identifying and verifying means for identification and/or verification of a user, administration means providing said user to control the system (1), and registering means (8) for registration of transactions a the user performs, and connecting wherein said apparatus (2) is connected to a learning tool (11) comprising an interface (12), and for presenting data to the user as said interface, wherein the learning tool (11) provides providing selective training according to the user's knowledge, and presents presenting a dynamic image of the knowledge status for the user in at each point in time.

52. (Currently Amended) The A method according to claim 27 51, wherein said system data base (10) stores information about user profiles, ~~i.e.~~ comprising individual information ~~such as statistical information~~, one such information being current type of learning state, or knowledge status, for each Q/A in relation to respective user, said learning states comprising the types: "not learned", "test required", "repetition required", "estimated as knowledge", "knowledge", and "knowledge not further checked", that said learning tool 11 is connected to, or comprises, a test and repetition tool (19) for optimized optimised long term repetition, that a point of time when a Q/A is marked as "knowledge" for a particular user is stored within said test and repetition tool 19, that the time $T_{\text{next test}}$ to which the user has to answer this question again is controlled by said test and repetition tool (19), that if no repetition or test is made to prolong the time $T_{\text{next test}}$, then the point in time $T_{\text{next test}}$ expires and the state of the Q/A is changed from "knowledge" to "test required", that if no test is done by the user the virtual dynamic image of the user's acquired knowledge in the system deteriorates over time until all Q/A marked as

“knowledge” changes state to “test required”, that at a point in time when test of a Q/A is performed by the user through the test and repetition tool (19) the Q/A question is posed to the user, that if the answer to a question is wrong, then this Q/A changes state to “repetition required”, that if the Q/A is correctly answered, then the state of the Q/A changes to “knowledge” and the time period $T_{\text{next test}}$ is extended by a factor higher than one, say a factor two (2), that if time has passed between the $T_{\text{next test}}$ expired and the user started the test for the Q/A, this time is added to the $T_{\text{next test}}$ before the extension factor is applied, and that when the time period $T_{\text{next test}}$ is longer than a predetermined time period, this Q/A is marked as “knowledge not further checked”.

53. (Currently Amended) The A method according to claim 28 52, wherein when a Q/A has the state “repetition required” then repetition is performed using a short term learning cycle, and that when repetition has been duly performed using said short term learning cycle, the time period $T_{\text{next test}}$ is extended by a factor lower than one, say a factor zero point eight (0.8).

54. (Currently Amended) The A method according to claim 27 53, wherein filter means (18) presents information units, such as Q/A's in an order optimised for the specific user's needs.

55. (Currently Amended) The A method according to claim 27 53, wherein diagnosis means (20) estimates the knowledge of the user within a subject.

56. (Currently Amended) The A method according to claim 27 53, wherein tool (21) for extracting information units from non-preprepared information creates Q/A's from a non-preprepared digital text.

57. (Currently Amended) The A method according to claim 27 53, wherein at least one proactive dictionary (22) is connected to the system (1) or provided in the apparatus (2), said dictionary (22) presenting words considered by the system (1) to be unknown for the user.

58. (Currently Amended) The A method according to claim ~~33~~ 57, wherein said dictionary (22) checks a text, either stored in the system or introduced to the system from an external source (e.g. Internet), to a user's profile, to look up data not known by the user, and presents translations or other types of Q/A's simultaneously.

59. (Currently Amended) The A method according to claim ~~34~~ 58, wherein said dictionary (22) is connected to a tool (25) for extraction of teaching or learning material from texts and preferably checked to a user's profile for acceptable texts or fragments of texts, based on stated interest and level of knowledge.

60. (Currently Amended) The A method according to claim ~~34~~ 58, wherein at least one external dictionary (24) is connected to the system (1), and that said at least one external dictionary cooperates with the system.

61. (Currently Amended) The A method according to claim ~~27~~ 53, wherein the administration means (7) provides a user to control the system (1).

62. (Currently Amended) A method for individual learning in a learning system (1), wherein said learning system method (1) comprises:

- ~~an apparatus (2) for controlling the learning system (1)~~ by an apparatus (2) comprising,
- at least one communication network (3),
- at least one user terminal (4), and
- at least one content data base (5) provided with information units, comprising preferably questions and answers (Q/A),

~~said content data base (5) being connected to~~ connecting said apparatus (2), to said data base (5), wherein said apparatus (2) further comprises at least one system data base (10) for storing user specific data, at least one of identifying and verifying administering means

~~for identification and/or verification of a user, administration means providing said user to control the system (1), registering of and means (8) for registration of transactions a user performs, wherein connecting said apparatus (2) is connected to at least one proactive dictionary (22), comprising and said dictionary (22) presenting words considered by the system (1) to be unknown for to the user.~~

63. (Currently Amended) The A method according to claim ~~38~~ 62, wherein said dictionary (22) checks a text, either stored in the system or introduced to the system from an external source ~~(e.g. Internet)~~, to a user's profile, to look up data not known by the user, and presents translations or other types of Q/A's simultaneously.

64. (Currently Amended) The A method according to claim ~~39~~ 62, wherein said dictionary (22) is connected to a tool (25) for extraction of teaching or learning material from texts and preferably checked to a user's profile for acceptable texts or fragments of texts, based on stated interest and ~~level of~~ knowledge.

65. (Currently Amended) The A method according to claim ~~39~~ 63, wherein at least one external dictionary (24) is connected to the system (1), and that said at least one external dictionary cooperates with the system.

66. (Currently Amended) The A method according to claim ~~38~~ 63, wherein tool (21) for extracting information units from non-preprepared information creates Q/A's from a non-preprepared digital text.

67. (Currently Amended) The A method according to claim ~~38~~ 63, wherein a learning tool (11) comprising an interface (12) for presenting data to the user provides selective training according to the user's knowledge and presents a dynamic image of the knowledge status for the user in each point in time.

68. (Currently Amended) The A method according to claim 43 67, wherein said system data base (10) stores information about user profiles, i. e. individual information such as statistical information, one such information being current type of learning state, or knowledge status, for each Q/A in relation to respective user, said learning states comprising the types: "not learned", "test required", "repetition required", "estimated as knowledge", "knowledge", and "knowledge not further checked", that said learning tool 11 is connected to, or comprises, a test and repetition tool (19) for ~~optimised~~ optimized long term repetition, that a point of time when a Q/A is marked as "knowledge" for a particular user is stored within said test and repetition tool 19, that the time $T_{\text{next test}}$ to which the user has to answer this question again is controlled by said test and repetition tool (19), that if no repetition or test is made to prolong the time $T_{\text{next test}}$, then the point in time $T_{\text{next test}}$ expires and the state of the Q/A is changed from "knowledge" to "test required", that if no test is done by the user the virtual dynamic image of the user's acquired knowledge in the system deteriorates over time until all Q/A marked as "knowledge" changes state to "test required", that at a point in time when test of a Q/A is performed by the user through the test and repetition tool (19) the Q/A question is posed to the user, that if the answer to a question is wrong, then this Q/A changes state to "repetition required", that if the Q/A is correctly answered, then the state of the Q/A changes to "knowledge" and the time period $T_{\text{next test}}$ is extended by a factor higher than one, say a factor two (2), that if time has passed between the $T_{\text{next test}}$ expired and the user started the test for the Q/A, this time is added to the $T_{\text{next test}}$ before the extension factor is applied, and that when the time period $T_{\text{next test}}$ is longer than a predetermined time period, this Q/A is marked as "knowledge not further checked".

69. (Currently Amended) A The method according to claim 44 68, wherein when a Q/A has the state "repetition required" then repetition is performed using a short term learning cycle, and that when repetition has been duly performed using said short term learning cycle, the time period $T_{\text{next test}}$ is extended by a factor lower than one, ~~say a factor zero point eight (0.8).~~

70. (Currently Amended) The A method according to claim 38_62, wherein filter means (18) presents information units, such as Q/A's in an order optimised for the specific user's needs.

71. (Currently Amended) The A method according to claim 38_62, wherein diagnosis means (20) estimates the knowledge of the user within a subject.

72. (Currently Amended) The A_ method according to claim 38_62, wherein the administration means (7) provides a user to control the system (1).

73. (Currently Amended) A-Computer A method for individual learning in the system according to claim 27, further comprising a computer program product stored on a computer useable medium, comprising in a computer readable code, means to for executing make the computer execute the method, ~~according claim 27.~~

74. (New) The system of claim 25, further comprising said learning tool (11), and comprising a proactive dictionary, and means for operably connecting said proactive dictionary to the learning tool, and means for dynamically introducing words and phrases to the dictionary, said words and phrases being determined to be unknown to the user and selected as to level of difficulty and subject of interest with respect to the user, whereby the system dynamically introduces and the user dynamically learns the words and phrases.

75. (New) The system of claim 74, said words and phrases comprise digital text, and means for preparing the questions and answers from said digital text, said digital text being dynamically introduced to the dictionary for the training of and learning by the user.

76. (New) The system of claim 75, said digital text comprises internet content.

77. (New) The system of claim 74, wherein the user unknown words and phrases are introduced to the proactive dictionary simultaneously commensurate with the knowledge status of the user.